

APPLICANT(S): GILREATH, Mark G. et al.

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AMENDMENTS TO THE CLAIMS

Please add or amend the claims to read as follows, and cancel without prejudice or disclaimer to resubmission in a divisional or continuation application claims indicated as cancelled:

1. (Currently Amended) A medical tool comprising a central body having an in vivo inserted end and a non inserted end, ~~said in vivo inserted end including at least one functional element and at least one sensing unit wherein at least one functional unit for performing an in vivo procedure, and at least one imaging unit are integrated in said central body at said in vivo inserted end.~~
2. (Original) The tool according to claim 1 wherein the non inserted end includes a controller, said controller functionally coupled to the functional element.
3. (Original) The tool according to claim 1, said tool including silicon, plastic or metal.
4. (Currently Amended) The tool according to claim 1 wherein the functional element comprises one or more elements selected from the group consisting of: graspers, blades, clamps, tissue collecting baskets, means for delivering treatment, stents, forceps, snares, hemostasis devices, dilatation balloons, catheters, sphincterotomes, guidewires, and suturing devices and any combination thereof.
5. (Cancelled)

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6. (Currently Amended) The tool according to claim 1 ~~comprising at least one illumination source wherein the imaging unit comprises:~~

at least one image sensor; and

at least one illumination source.

7. (Original) The tool according to claim 6 wherein the illumination source is an LED.

8. (Original) The tool according to claim 1 comprising a transmitter.

9. (Original) The tool according to claim 8 wherein the transmitter is a wireless transmitter.

10. (Original) The tool according to claim 8 wherein the transmitter is an RF transmitter.

11. (Currently Amended) The tool according to claim 1 comprising a channel, wherein said channel passes through at least the central body.

12. (Cancelled)

13. (Cancelled)

14. (Cancelled)

15. (Cancelled)

16. (Cancelled)

17. (Cancelled)

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18. (Currently Amended) A system for performing in vivo procedures, said system comprising:

a device comprising a central body having an in vivo inserted end and a non inserted end, said in vivo inserted end including integrating at least one functional element and at least one sensing unit;

a transmitter in communication with the in vivo sensor; and

a receiver comprising a recording mechanism.

19. (Original) The system according to claim 18 comprising a monitor in communication with the receiver for displaying in vivo-information.

20. (Original) The system according to claim 18 comprising a processor for processing in vivo information.

21. (New) The tool according to claim 1, wherein at least said functional unit and said imaging unit are for single use.

22. (New) The tool according to claim 1, wherein said imaging unit comprises an optical system positioned behind an optical window.

23. (New) The tool according to claim 1, wherein said tool comprises a battery.

24. (New) The tool according to claim 22, wherein said imaging unit comprises an illumination source positioned behind the optical window.